

New Mexico- CUBA Field Office
FY 2003 Ranking Criteria Worksheet - Irrigated Cropland

Applicant _____ Farm No. _____ Tract No. _____ CMS Field No's. _____ Date _____

Tribal Land _____ Non-Tribal Land _____ Preliminary Rating _____ Final Rating _____

1. Water Quantity - Potential Points (55)

Irrigation Efficiency - Use FIRS to Evaluate			Potential Points	Benchmark Points	After Points
% Efficiency	% of Area in Contract before Treatment	% of Area in Contract After Treatment			
1-20%			0		
21-30%			5		
31-40%			10		
41-50%			15		
51-60%			25		
61-70%			35		
71-80%			45		
>80%			55		
1. Water Quantity			Total		

2. Water Quality - (20) Potential Points

A. Surface Water Pollutants - (10) Points Maximum

There is a probability that runoff water from irrigated fields contains sediment, salt, pesticides, and/or nutrients (or other associated chemicals). Treatment is needed to prevent these pollutants from entering live waters, or re-entering a shared irrigation system. Points will be awarded based on distance from the end of field to the nearest live waters or re-entry point into a shared irrigation system. If there is no run-off, after points will be 0.

Distance of Surface Run-Off to Live Water	Points		After
<100 Ft.	10		
101 - 500 Ft.	7		
501 - 1,320 Ft.	5		
1,320 - 2,640 Ft.	3		
>2,640 Ft.	0		
A. Surface Water		Total	

B. Ground Water Pollutants - (10) Points Maximum

There is a probability that irrigation water containing salt, pesticides, and/or nutrients (or other associated chemicals) is leaching into the ground water. Treatment is needed to prevent these pollutants from contaminating ground water, through leaching and direct return flow into wells. Points to be awarded based on depth to the water table, or

Depth to Water Table	Points		After
1 - 10 Ft or elimination of any direct discharge into ground water.	10		
10 - 50 Ft.	7		
50 -100 Ft.	3		
>100 Ft.	0		
B. Ground Water		Total	

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3. Selected Conservation Practice(s) - Potential Points (400)

The Designated Conservationist will award points based on the potential impact of each practice (individually or in combination with other practices) on the resource concern(s). All practices in the ranking criteria and intended to be in the plan of operations must have a financial payment (cost-share or incentive).	Potential Points	Percent of Practice	Points
SOIL EROSION-Potential Range of Points (100)			
393-Buffer Strips	0-20		
441 or 442 or 443-Irrigation System	0-20		
464-Land Leveling	0-20		
466-Land Smoothing	0-10		
430-Irrigation Pipeline	0-25		
587-Structure for Water Control	0-5		
WATER QUANTITY-Potential Range of Points (100)			
441 or 442 or 443-Irrigation System	0-25		
587-Structure for Water Control	0-15		
466-Land Smoothing	0-10		
464-Land Leveling	0-25		
430-Irrigation Pipeline	0-25		
WATER QUALITY-Potential Range of Points (75)			
441 or 442-Irrigation System	0-25		
430-Irrigation Pipeline	0-25		
464-Land Leveling	0-25		
AIR-Potential Range of Points (25)			
392-Field Windbreak	0-15		
512 Pasture Planting	0-10		
Plants (50)			
392-Field Windbreaks	0-25		
512-Pasture Planting	0-25		
Animals (50)			
383-Fences	0-15		
512-Pasture Planting	0-25		
642-Wells or 516-Pipelines or 614 Troughs	0-10		
3. Selected Conservation Practices	Total		

4. Other Considerations - Potential Points (25)

	Potential Points		After Points
A. At risk species are in the area and the contract will enhance habitat for the species.	5		
B. Treatment of this land could have a beneficial impact on a 303d listed stream segment.	10		
C. Treatment of this land could enhance the benefits of an active sec. 319 project.	7		
D. This land is within a proposed sec. 319 project.	3		

4. Other Considerations

Total

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TOTAL POINTS

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Designated Conservationist _____ Date _____